

TARGETS 3F & 3G

Name _____ Date _____

Tell whether the given lines are parallel, perpendicular or neither.

1. Line 1: $(-1, 3), (-1, 5)$
Line 2: $(0, 0), (0, 6)$

2. Line 1: $(1, 1), (3, 3)$
Line 2: $(2, 2), (0, 4)$

3. Line 1: $(-5, 2), (-3, 5)$
Line 2: $(-2, 2), (1, 0)$

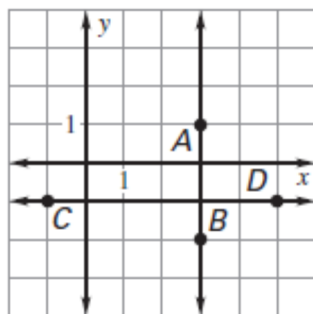
4. Line 1: $(-2, 3), (-5, 2)$
Line 2: $(4, 1), (5, 3)$

5. Line 1: $(-3, -2), (1, 2)$
Line 2: $(1, 3), (4, 6)$

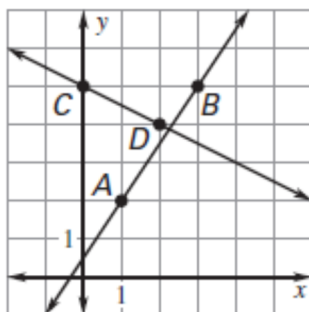
6. Line 1: $(-3, 4), (1, 2)$
Line 2: $(6, 2), (8, 1)$

Find the slope of each line and determine if the lines are perpendicular.

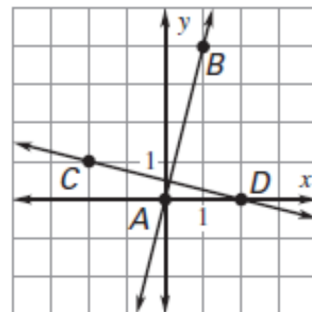
7.



8.



9.



TARGET 3F & 3G ANSWERS

1. parallel
2. perpendicular
3. perpendicular
4. neither
5. parallel
6. parallel
7. Yes they are perpendicular
8. No they are not perpendicular
9. Yes they are perpendicular